

October 21, 2019

VALERIE GREGORY
CA OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (February 1, 2020) as to whether certification should be granted.

Name Lloyd Leslie Green

Address 47233 Navajo, Coarsegold CA 93614

License Held CA Wastewater Treatment #8847 II

Class II
WW

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?
HS and 12 CEUs

What is the work experience requirement for this license(s)?

2 years

Was a written exam taken to gain this license(s)? YES

What type of questions is on the exam? T/F, multiple choice, math questions. See Attached for more info.

What is the minimum score to pass the exam? 70% overall plus 50% on the math.

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes, Current and valid until June 30, 2020

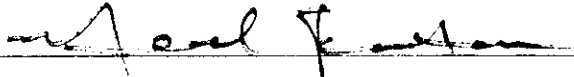
Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

California does not have any formal reciprocity agreements with other states. California will grant reciprocity on a case-by-case basis. California will grant a certificate to an applicant if the applicant: holds a valid, unexpired certificate; the experience, education, examination and enforcement capability of the certifying body are comparable to California's; the applicant meets the education and experience requirement for California, and the applicant submits the required application and fees.

Comments _____

Name and title of person completing this form-

Neal Funston, Associate Governmental Program Analyst



Please check which certificates your agency issues-

☐ Water Treatment

☒ Water Distribution

☒ Wastewater Treatment

☐ Wastewater Collection

South Dakota's Operator Certification Law can be found at-
<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,



Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501

Phone: 605-773-4208

Fax: 605-773-5286

E-mail: rob.kittay@state.sd.us

Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

**GRADE II
WWTP OPERATOR
EXAMINATION INFORMATION**

The Grade II examination contains questions regarding the following subjects: basic safety practices, hazards encountered during wastewater treatment plant operations, sampling and simple analysis of wastewater constituents, and operation and maintenance procedures in preliminary and primary treatment unit processes, anaerobic sludge digestion and disinfection.

It also includes specific questions on the operation and maintenance of wastewater stabilization ponds and state regulations regarding the classification of wastewater treatment plants and operator certification.

In addition, the Grade II examination includes questions on secondary unit processes (e.g. trickling filters, activated sludge), sludge handling, evaluation of wastewater unit processes as well as overall plant performance and basic supervision responsibilities.

The Grade II examination also contains mathematical questions. Examinees may be asked to calculate a variety of problems including hydraulic or organic loading rate, SVI index, removal efficiency (% removal), activated sludge F/M ratio, activated sludge MCRT, pumping rate, sludge pumping rate, detention time, chlorine residual/demand, flow velocity, volume or surface area, overflow rate and nitrification. The examinee should be familiar with typical calculations related to the subject matter listed in paragraph 1.

Examinees are given 2 ½ hours to complete the examination. The question format is as follows:

50 True/False Questions	@	1 point each
30 Multiple Choice Questions	@	2 points each
10 Math Problems	@	4 points each

TOTAL POINTS 150

Passing Score: To pass, you must achieve:

(a) a minimum total score of 105 points (70 percent), AND
a score of at least 20 points (50 percent) on the ten Math Questions.

*Valerie Gregory @ wwopecert program
waterboards.ca.gov*

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

PAID
OCT 21 2019
Ck# 528

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Green Lloyd Leslie
Last First Middle
2. Home Mailing Address 47233 Navajo Ave Coarsegold Ca 93614
3. Phone 559-760-3020 Fax _____
4. Email Address Yahma dog8@gmail.com

South Dakota Certificate Desired (Check only one)

- ☐ Water Treatment
☐ Water Distribution
☒ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
Stabilization Pond

Certificate Level (Check only one)

- ☐ I
☒ II
☐ III
☐ IV

5. Certificate Now Held Grade 2 From Which State California
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Utility Supervisor Date Employed 2-1-1996

Supervisor Name and Title Marty Duvall Utility Superintendent

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

See Attached

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
<u>9-1-93/2-1-96</u>	<u>Tanya Lodge / Fish Camp Ca</u>	<u>Operate & Maintain Tertiary WWTP</u>

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature  Date 10-14-19

Oper#	
Cert Date	
Reciprocity Approved Yes <input type="checkbox"/> No <input type="checkbox"/>	
Cash	Check <u>PD-528</u>
DENR Use Only	

State of California
State Water Resources Control Board



Certificate of Competence

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Lloyd L. Green

has fulfilled the requirements for certification as a

Grade II

Wastewater Treatment Plant Operator

Certificate Number **8847**

Issued this May 03, 2017

Felicia Marcus
Chair

Original Issue Date: 05/20/1997

Expiration Date: 06/30/2020



LLOYD GREEN

47233 Navajo Avenue Coarsegold, CA 93614

559-760-3020

Yahmadog8@gmail.com

SUPERVISING LICENCED UTILITY WORKER

Madera County Public Works

February 2007 – Current

Responsible for overseeing the operations of water and wastewater collection and treatment facilities for Madera County Special Districts supervising the repair, maintenance and operational adjustment procedures for the water and sewer systems within the Special Districts of Madera County. Under my direction, ensure that the staff follows protocol in the collection of samples and testing procedures, routine maintenance, and special projects as directed. Work with planning and building officials, and private developers in the expansion of the District. Assist the General Manager in developing departmental budgets and managing annual expenditures. Conduct routine employee evaluations and address personnel issues as needed. Participated in the preparation of budget requests, monitoring and controlling expenses, over-seeing the design, cost and scheduling of maintenance costs and scheduling the maintenance and inspection of utility equipment and vehicles. Work with planning and building officials, and private developers in the expansion of the District. Assist the General Manager in developing departmental budgets and managing annual expenditures.

Assist with the development and preparation of budgets, logs, reports, charts, and monthly reports for both Madera County requirements and State of California requirements. Interpret and apply the policies and procedures, laws, codes, and regulations retaining to water and sewer regulations in Madera County. Extensive knowledge of the principles and practices of water and sewer system operations. Advanced ability to read and interpret gauges, recording devices, and other monitoring equipment reflecting water and sewer system operations and make necessary adjustments. Responsible for daily supervision and training of staff, and distribution of work assignments, while ensuring that projects are completed on time and within the parameters of State and County requirements. Maintains a professional and effective working relationship with staff, vendors and the constituents that are associated with Madera County.

LICENSED UTILITY WORKER II

Madera County

February 1999 – February 2007

Performed skilled maintenance, repair, and upkeep on water and sewer system with minimal guidance. Monitored operations of water and sewer systems and processing facilities to test and repair equipment as needed. Completed logs readings from meters, gauges, and recording charts and made necessary adjustments to systems as needed. Collected samples and performed laboratory testing procedures; interpreted tests; recommended adjustments and adjusted flows and chemical levels as necessary. Performed skilled maintenance on water and sewer facilities including lift stations, pumps, compressors, motors, switching equipment, alarm systems, and related equipment. Maintained and repaired control systems for generators, pumps, valves, and mechanical equipment. Made regular inspections of facilities to identify maintenance and repair needs; gathered information and prepared required reports

LICENSED UTILITY WORKER I

Madera County

February 1996- February 1999

Under the direction of the Utility Supervisor, performed a variety of general water and sewer maintenance duties related to maintenance and repair of District plant facilities. Responsibilities included sampling, collecting and performing laboratory testing procedures.

Assured proper operation of valves, mechanical systems report need for repair. Operate a variety of tools, machinery and equipment and a variety of power and hand tools used in sewer system and water system services.

Prepared and maintained routine records as assigned; ordered equipment and supplies according to established procedures.

Reported necessary routine and emergency repair and maintenance needs to proper personnel and assist District Utility Manager and other personnel as assigned. Maintain various tools and equipment used in the course of work in a clean, orderly and safe working condition. Perform other duties as assigned.

LEAD OPERATOR

Tenaya Lodge, Fish Camp, Ca.

October 1994 – February 1996

Under limited supervision, oversees, operates, monitors and maintains the wastewater treatment facility to ensure safe and efficient operation within federal, state and local guidelines; and performs related duties as assigned. Inspect and monitor plant mechanical, hydraulic, and electrical equipment. Performed preventive and emergency maintenance on plant equipment and collected samples to complete process control testing. Analyzed process control results and adjusted operations to maximize efficiency. Adjusted or recalibrated equipment and instrumentation as necessary. Compiled and inputted data required for various City, State and Federal entities. Completed required activity logs.

LICENSES

Grade T3	#21381 - State of California	Issued: 02/2009	Expires: 02/01/2021
Grade II	#8847 - State of California	Issued: 5/20/1997	Expires: 06/30/2021
Grade D3	#18734 - State of California	Issued: 08/2009	Expires: 08/01/2021
Backflow Prevention Assembly Tester #15579	State of California		Expires: 03/31/2021

OPERATOR CERTIFICATION REQUIREMENTS TABLE

(Effective April 1, 2013)

Note: Applicants must take and pass the Office of Operator Certification Wastewater Treatment Plant Operator Examination before applying for Certification:

PATH	EXAMINATION EDUCATION REQUIREMENTS		CERTIFICATION QUALIFYING EXPERIENCE REQUIREMENTS
GRADE I			
1	High school diploma or equivalent and 6 educational points	and	1 year of full-time qualifying experience
GRADE II			
1	High school diploma or equivalent and 9 educational points	and	18 months of full-time qualifying experience as a Grade I operator
2	High school diploma or equivalent and 12 educational points	and	2 years of full-time qualifying experience
3	Associate's degree, a higher degree, or a minimum of 60 college semester units, including a minimum of 15 semester units of science courses	and	1 year of full-time qualifying experience
GRADE III			
1	High school diploma or equivalent and 12 educational points	and	3 years of full-time qualifying experience as a Grade II operator
2	High school diploma or equivalent and 18 educational points	and	4 years of full-time qualifying experience
3	Associate's degree or a minimum of 60 college semester units, including a minimum of 15 semester units of science courses	and	2 years of full-time qualifying experience
4	Bachelor's degree or a higher degree, including a minimum of 30 semester units of science courses	and	1 year of full-time qualifying experience

GRADE IV			
1	High school diploma or equivalent and 32 educational points	and	6 years of full-time qualifying experience
2	Associate's degree or a minimum of 60 college semester units, including a minimum of 15 semester units of science courses	and	4 years of full-time qualifying experience
3	Bachelor's degree or a higher degree, including a minimum of 30 semester units of science courses	and	3 years of full-time qualifying experience
4	Valid registration as a chemical, civil, or mechanical engineer issued by the California Board for Professional Engineers and Land Surveyors or by another state, territory, or Indian tribe	and	2 years of full-time qualifying experience
GRADE V			
1	High school diploma or equivalent and 48 educational points	and	10 years full-time qualifying experience
2	Associate's degree or a minimum of 60 college semester units, including a minimum of 15 semester units of science courses	and	6 years of full-time qualifying experience
3	Bachelor's degree or a higher degree, including a minimum of 30 semester units of science courses	and	5 years of full-time qualifying experience
4	Valid registration as a chemical, civil, or mechanical engineer issued by the California Board for Professional Engineers and Land Surveyors or by another state, a territory, or an Indian tribe	and	4 years of full-time qualifying experience

October 21, 2019

ANNETTE CARAWAY
CA OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (February 1, 2020) as to whether certification should be granted.

Name Lloyd Leslie Green

Address 47233 Navajo, Coarsegold CA 93614

License Held CA Water Treatment #21381 T3

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

HS Diploma or GED

What is the work experience requirement for this license(s)?

Two years of water treatment experience.

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? 85 Multiple Choice and 15 Math

What is the minimum score to pass the exam? 70%

CLASSIFIED

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes, Expiration date is 2/1/2021

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Yes we do

Comments _____

Name and title of person completing this form-

Jon Strutzel Program Specialist

Please check which certificates your agency issues-

☒ Water Treatment

☒ Water Distribution

☒ Wastewater Treatment

☐ Wastewater Collection

South Dakota's Operator Certification Law can be found at-
<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,



Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY

PAID

OCT 21 2019

Ck# 527

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

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Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Green Lloyd Leslie
Last First Middle
2. Home Mailing Address 47233 Navajo Ave
3. Phone 559-760-3020 Fax _____
4. Email Address Yahmadog8@gmail.com

South Dakota Certificate Desired
(Check only one)

- ☒ Water Treatment
☐ Water Distribution
☐ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
 Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
☐ II
☒ III
☐ IV

5. Certificate Now Held Treatment 3 From Which State Cal: fornia
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
Oakhurst Community	9-1998 - 2000	AS	

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Utility Supervisor Date Employed 2-1-1996

Supervisor Name and Title Marty Duvall Utility Superintendent

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

See Attached

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
2015 - Present	Go Green Waterworks	Backflow Assembly Tester

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature [Signature] Date 10-14-19

Oper#	
Cert Date	
Reciprocity Approved Yes <input type="checkbox"/> No <input type="checkbox"/>	
Cash	Check <u>PD-527</u>
DENR Use Only	



State Water Resources Control Board

This verifies that the individual named below
has paid the appropriate fee and is a certified
Water Treatment Operator

Name: Lloyd L. Green

Level: T3

Operator # 21381

Expires: 2-1-2021

Fee Paid: \$90

Due: 10-1-2020

Signature:

State of California
Department of Health Services

ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3
OF THE HEALTH AND SAFETY CODE

Lloyd L. Green

Water Treatment Operator

Grade T3

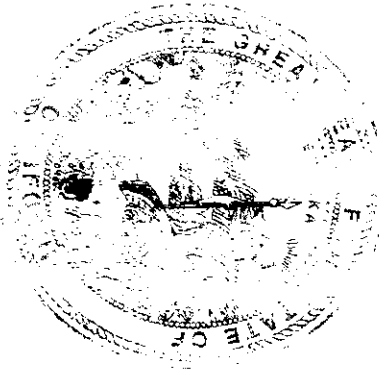
Operator Number: 21381

Issued

February 2009

STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES

Rufus B. Howell



IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY
FOR PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR

LLOYD GREEN

47233 Navajo Avenue Coarsegold, CA 93614

559-760-3020

Yahmadog8@gmail.com

SUPERVISING LICENCED UTILITY WORKER

Madera County Public Works

February 2007 – Current

Responsible for overseeing the operations of water and wastewater collection and treatment facilities for Madera County Special Districts supervising the repair, maintenance and operational adjustment procedures for the water and sewer systems within the Special Districts of Madera County. Under my direction, ensure that the staff follows protocol in the collection of samples and testing procedures, routine maintenance, and special projects as directed. Work with planning and building officials, and private developers in the expansion of the District. Assist the General Manager in developing departmental budgets and managing annual expenditures. Conduct routine employee evaluations and address personnel issues as needed. Participated in the preparation of budget requests, monitoring and controlling expenses, over-seeing the design, cost and scheduling of maintenance costs and scheduling the maintenance and inspection of utility equipment and vehicles. Work with planning and building officials, and private developers in the expansion of the District. Assist the General Manager in developing departmental budgets and managing annual expenditures.

Assist with the development and preparation of budgets, logs, reports, charts, and monthly reports for both Madera County requirements and State of California requirements. Interpret and apply the policies and procedures, laws, codes, and regulations retaining to water and sewer regulations in Madera County. Extensive knowledge of the principles and practices of water and sewer system operations. Advanced ability to read and interpret gauges, recording devices, and other monitoring equipment reflecting water and sewer system operations and make necessary adjustments. Responsible for daily supervision and training of staff, and distribution of work assignments, while ensuring that projects are completed on time and within the parameters of State and County requirements. Maintains a professional and effective working relationship with staff, vendors and the constituents that are associated with Madera County.

LICENSED UTILITY WORKER II

Madera County

February 1999 – February 2007

Performed skilled maintenance, repair, and upkeep on water and sewer system with minimal guidance. Monitored operations of water and sewer systems and processing facilities to test and repair equipment as needed. Completed logs readings from meters, gauges, and recording charts and made necessary adjustments to systems as needed. Collected samples and performed laboratory testing procedures; interpreted tests; recommended adjustments and adjusted flows and chemical levels as necessary. Performed skilled maintenance on water and sewer facilities including lift stations, pumps, compressors, motors, switching equipment, alarm systems, and related equipment. Maintained and repaired control systems for generators, pumps, valves, and mechanical equipment. Made regular inspections of facilities to identify maintenance and repair needs; gathered information and prepared required reports

LICENSED UTILITY WORKER I

Madera County

February 1996- February 1999

Under the direction of the Utility Supervisor, performed a variety of general water and sewer maintenance duties related to maintenance and repair of District plant facilities. Responsibilities included sampling, collecting and performing laboratory testing procedures.

Assured proper operation of valves, mechanical systems report need for repair. Operate a variety of tools, machinery and equipment and a variety of power and hand tools used in sewer system and water system services.

Prepared and maintained routine records as assigned; ordered equipment and supplies according to established procedures.

Reported necessary routine and emergency repair and maintenance needs to proper personnel and assist District Utility Manager and other personnel as assigned. Maintain various tools and equipment used in the course of work in a clean, orderly and safe working condition. Perform other duties as assigned.

LEAD OPERATOR

Tenaya Lodge, Fish Camp, Ca.

October 1994 – February 1996

Under limited supervision, oversees, operates, monitors and maintains the wastewater treatment facility to ensure safe and efficient operation within federal, state and local guidelines; and performs related duties as assigned. Inspect and monitor plant mechanical, hydraulic, and electrical equipment. Performed preventive and emergency maintenance on plant equipment and collected samples to complete process control testing. Analyzed process control results and adjusted operations to maximize efficiency. Adjusted or recalibrated equipment and instrumentation as necessary. Compiled and inputted data required for various City, State and Federal entities. Completed required activity logs.

LICENSES

Grade T3	#21381 - State of California	Issued: 02/2009	Expires: 02/01/2021
Grade II	#8847 - State of California	Issued: 5/20/1997	Expires: 06/30/2021
Grade D3	#18734 - State of California	Issued: 08/2009	Expires: 08/01/2021
Backflow Prevention Assembly Tester #15579	State of California		Expires: 03/31/2021



Water Treatment Minimum Qualifications for Examination/Certification

Grade	Minimum Qualifications for Examination	Minimum Qualifications for Certification
T1	<ul style="list-style-type: none"> • High School or GED* 	Successful completion of the Grade T1 operator examination within the three years prior to submitting the application for certification
T2	<ul style="list-style-type: none"> • High School or GED* <p>AND</p> <ul style="list-style-type: none"> • One 3-unit (or 36-hour) course of specialized training covering the fundamentals of drinking water treatment 	Successful completion of the Grade T2 operator examination within the three years prior to submitting the application for certification
T3	<ul style="list-style-type: none"> • High School or GED* <p>AND</p> <ul style="list-style-type: none"> • Two 3-unit (or 36-hour) courses of specialized training, one of which is in the fundamentals of drinking water treatment AND a second course in either drinking water treatment, wastewater treatment, or distribution 	Successful completion of the Grade T3 operator examination within the three years prior to submitting the application for certification. AND: <u>One year</u> of operator experience working as a certified T2 operator for a T2 facility or higher (may be substituted with (3) below) AND: <u>One additional year</u> of operator experience working as a certified treatment operator (may be substituted with (1), (2) or (4) below)
T4	<ul style="list-style-type: none"> • Possession of a valid T3 certificate <p>AND</p> <ul style="list-style-type: none"> • Three 3-unit (or 36-hour) courses of specialized training, two of which are in the fundamentals of drinking water treatment AND a third course in either drinking water treatment, wastewater treatment, or distribution 	Successful completion of the Grade T4 operator examination within the three years prior to submitting the application for certification. AND: <u>One year</u> of operator experience working as a shift or chief operator, while holding a valid T3 operator certificate for a T3 facility or higher (may be substituted with (3) below) AND: <u>Three additional years</u> of operator experience working as a certified treatment operator (may be substituted with (1) or (4) below)
T5	<ul style="list-style-type: none"> • Possession of a valid T4 certificate <p>AND</p> <ul style="list-style-type: none"> • Four 3-unit (or 36-hour) course of specialized training, two of which are in the fundamentals of drinking water treatment AND two other courses in either drinking water treatment, wastewater treatment, or distribution 	Successful completion of the Grade T5 operator examination within the three years prior to submitting the application for certification. AND: <u>Two years</u> of operator experience working as a shift or chief operator, while holding a valid T4 operator certificate for a T4 facility or higher (no substitutions) AND: <u>Three additional years</u> of operator experience working as a certified treatment operator (may be substituted with (1) or (4) below)

*High school/GED equivalency for **Grades 1 and 2 only** can be fulfilled with one year of experience as an operator of a facility that required an understanding of chemical feeds, hydraulic systems, or pumps. This must be verified with a copy of your utility's official job description for your position.

Experience substitutions for certification, as referenced above.

1) A relevant degree earned at an accredited academic institution may be substituted as follows

- Associate Degree or Certificate in Water or Wastewater Technology that includes at least 15 units of physical, chemical, or biological science may be used to fulfill **1 year of general operator experience**.
- Bachelor Degree in biology, chemical engineering, chemistry, civil engineering, environmental engineering, microbiology, public health, and sanitary engineering may be used to fulfill **1.5 years of general operator experience**.
- Masters Degree in biology, chemical engineering, chemistry, civil engineering, environmental, microbiology, public health, and sanitary engineering may be used to fulfill **2 years of general operator experience**.

2) A certified operator may substitute, on a day-for-day basis, experience gained while working with lead responsibility for water quality related projects or research (i.e. pilot plant).

3) If an applicant has a Bachelor of Science or Master of Science Degree, completion of a comprehensive operator training program pursuant to Section 63800 (h), may be substituted for the required experience.

4) Experience gained as a certified wastewater treatment operator may be used to substitute up to 2 years of the general experience requirement. Wastewater treatment operator experience is credited on a two-for-one basis (2 months in wastewater = 1 month in drinking water).

October 21, 2019

ANNETTE CARAWAY
CA OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (February 1, 2020) as to whether certification should be granted.

Name Lloyd Leslie Green

Address 47233 Navajo, Coarsegold CA 93614

License Held CA Water Distribution #18734 D3

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

HS Diploma or GED

CLASS II
WD

What is the work experience requirement for this license(s)?

Two years of water distribution experience.

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? 85 Multiple Choice and 15 Math

What is the minimum score to pass the exam? 70%

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes Expiration date is 8/1/2021

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Yes we do.

Comments _____

Name and title of person completing this form-

Jon Strutzel Program Specialist

Please check which certificates your agency issues-

X Water Treatment X Water Distribution
X Wastewater Treatment Wastewater Collection

South Dakota's Operator Certification Law can be found at-
<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,



Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

ANNETTE.CARAWAY@waterboards.ca.gov

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

PAID

OCT 21 2019

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY Ck# 529

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Green Lloyd Leslie
Last First Middle
2. Home Mailing Address 47233 Navajo Ave Coarsegold Ca 93614
3. Phone 559-760-3020 Fax _____
4. Email Address yahma dog 8@gmail.com

South Dakota Certificate Desired
(Check only one)

- ☐ Water Treatment
☒ Water Distribution
☐ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
☐ II
☒ III
☐ IV

5. Certificate Now Held Distribution 3 From Which State California
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Utility Supervisor Date Employed 2-1-1996

Supervisor Name and Title Marty Duvall Utility Superintendent

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

See Attached

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
3/2015 - Current	Go Green Waterworks	Back Flow Tester
9/1993 - 1/1996	Tenaya Lodge Fish Camp Ca	Water & Wastewater operations

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature [Signature] Date 10-14-19

Oper#	
Cert Date	
Reciprocity Approved Yes <input type="checkbox"/> No <input type="checkbox"/>	
Cash	Check <u>PD-529</u>
DENR Use Only	

LLOYD GREEN

47233 Navajo Avenue Coarsegold, CA 93614

559-760-3020

Yahmadog8@gmail.com

SUPERVISING LICENCED UTILITY WORKER

Madera County Public Works

February 2007 – Current

Responsible for overseeing the operations of water and wastewater collection and treatment facilities for Madera County Special Districts supervising the repair, maintenance and operational adjustment procedures for the water and sewer systems within the Special Districts of Madera County. Under my direction, ensure that the staff follows protocol in the collection of samples and testing procedures, routine maintenance, and special projects as directed. Work with planning and building officials, and private developers in the expansion of the District. Assist the General Manager in developing departmental budgets and managing annual expenditures. Conduct routine employee evaluations and address personnel issues as needed. Participated in the preparation of budget requests, monitoring and controlling expenses, over-seeing the design, cost and scheduling of maintenance costs and scheduling the maintenance and inspection of utility equipment and vehicles. Work with planning and building officials, and private developers in the expansion of the District. Assist the General Manager in developing departmental budgets and managing annual expenditures.

Assist with the development and preparation of budgets, logs, reports, charts, and monthly reports for both Madera County requirements and State of California requirements. Interpret and apply the policies and procedures, laws, codes, and regulations retaining to water and sewer regulations in Madera County. Extensive knowledge of the principles and practices of water and sewer system operations. Advanced ability to read and interpret gauges, recording devices, and other monitoring equipment reflecting water and sewer system operations and make necessary adjustments. Responsible for daily supervision and training of staff, and distribution of work assignments, while ensuring that projects are completed on time and within the parameters of State and County requirements. Maintains a professional and effective working relationship with staff, vendors and the constituents that are associated with Madera County.

LICENSED UTILITY WORKER II

Madera County

February 1999 – February 2007

Performed skilled maintenance, repair, and upkeep on water and sewer system with minimal guidance. Monitored operations of water and sewer systems and processing facilities to test and repair equipment as needed. Completed logs readings from meters, gauges, and recording charts and made necessary adjustments to systems as needed. Collected samples and performed laboratory testing procedures; interpreted tests; recommended adjustments and adjusted flows and chemical levels as necessary. Performed skilled maintenance on water and sewer facilities including lift stations, pumps, compressors, motors, switching equipment, alarm systems, and related equipment. Maintained and repaired control systems for generators, pumps, valves, and mechanical equipment. Made regular inspections of facilities to identify maintenance and repair needs; gathered information and prepared required reports

LICENSED UTILITY WORKER I

Madera County

February 1996- February 1999

Under the direction of the Utility Supervisor, performed a variety of general water and sewer maintenance duties related to maintenance and repair of District plant facilities. Responsibilities included sampling, collecting and performing laboratory testing procedures.

Assured proper operation of valves, mechanical systems report need for repair. Operate a variety of tools, machinery and equipment and a variety of power and hand tools used in sewer system and water system services.

Prepared and maintained routine records as assigned; ordered equipment and supplies according to established procedures.

Reported necessary routine and emergency repair and maintenance needs to proper personnel and assist District Utility Manager and other personnel as assigned. Maintain various tools and equipment used in the course of work in a clean, orderly and safe working condition. Perform other duties as assigned.

LEAD OPERATOR

Tenaya Lodge, Fish Camp, Ca.

October 1994 – February 1996

Under limited supervision, oversees, operates, monitors and maintains the wastewater treatment facility to ensure safe and efficient operation within federal, state and local guidelines; and performs related duties as assigned. Inspect and monitor plant mechanical, hydraulic, and electrical equipment. Performed preventive and emergency maintenance on plant equipment and collected samples to complete process control testing. Analyzed process control results and adjusted operations to maximize efficiency. Adjusted or recalibrated equipment and instrumentation as necessary. Compiled and inputted data required for various City, State and Federal entities. Completed required activity logs.

LICENSES

Grade T3	#21381 - State of California	Issued: 02/2009	Expires: 02/01/2021
Grade II	#8847 - State of California	Issued: 5/20/1997	Expires: 06/30/2021
Grade D3	#18734 - State of California	Issued: 08/2009	Expires: 08/01/2021
Backflow Prevention Assembly Tester #15579	State of California		Expires: 03/31/2021



Water Distribution Minimum Qualifications for Examination/Certification

Grade	Minimum Qualifications for Examination	Minimum Qualifications for Certification
D1	<ul style="list-style-type: none"> • High School or GED* 	Successful completion of the Grade D1 operator examination within the three years prior to submitting the application for certification
D2	<ul style="list-style-type: none"> • High School or GED* <p>AND</p> <ul style="list-style-type: none"> • One 3-unit (or 36-hour) course of specialized training covering the fundamentals of water supply principles 	Successful completion of the Grade D2 operator examination within the three years prior to submitting the application for certification
D3	<ul style="list-style-type: none"> • Possession of a valid D2 certificate <p>AND</p> <ul style="list-style-type: none"> • Two 3-unit (or 36-hour) courses of specialized training that includes at least one course in the fundamentals of water supply principles 	<p>Successful completion of the Grade D3 operator examination within the three years prior to submitting the application for certification.</p> <p>AND:</p> <p>One year of operator experience working as a certified D2 operator, interim D3 or higher operator, or temporary D3 operator for a D2 system or higher or a system that prior to January 1, 2001 would have met the criteria for classification as a D2 system or higher</p> <p>AND:</p> <p>At least one additional year of operator experience working as a distribution operator (may be substituted with (1) or (2) below)</p>
D4	<ul style="list-style-type: none"> • Possession of a valid D3 certificate <p>AND</p> <ul style="list-style-type: none"> • Three 3-unit (or 36-hour) courses of specialized training that includes at least two courses in the fundamentals of water supply principles 	<p>Successful completion of the Grade D4 operator examination within the three years prior to submitting the application for certification.</p> <p>AND:</p> <p>At least one year of operator experience working as a certified D3 operator, interim D4 or higher operator, or temporary D4 operator for a D3 system or higher or a system that prior to January 1, 2001 would have met the criteria for classification as a D3 system or higher</p> <p>AND:</p> <p>At least three additional years of operator experience working as a distribution operator (may be substituted with (1) or (2) below)</p>
D5	<ul style="list-style-type: none"> • Possession of a valid D4 certificate <p>AND</p> <ul style="list-style-type: none"> • Four 3-unit (or 36-hour) courses of specialized training that includes at least two courses in the fundamentals of water supply principles 	<p>Successful completion of the Grade D5 operator examination within the three years prior to submitting the application for certification.</p> <p>AND:</p> <p>At least two years of operator experience working as a certified D4 operator, interim D5 or higher operator, or temporary D5 operator for a D4 or D5 system or higher or a system that prior to January 1, 2001 would have met the criteria for classification as a D4 or D5 system or higher</p> <p>AND:</p> <p>At least three additional years of operator experience working as a distribution operator (may be substituted with (1) or (2) below)</p>

*High school/GED equivalency for **Grades 1 and 2 ONLY** can be fulfilled with either successful completion of **Basic Small Water Systems Operations** course provided by the Department **OR 1 year** as an operator of a facility that required an understanding of a piping system that included pumps, valves, and storage tanks.

Experience substitutions for certification, as referenced above.

1) A relevant degree earned at an accredited academic institution may be substituted as follows.

- Associate Degree or Certificate in Water or Wastewater Technology that includes at least 15 units of physical, chemical, or biological science may be used to fulfill **1 year of operator experience**.
- Bachelor Degree in biology, chemical engineering, chemistry, civil engineering, environmental engineering, microbiology, public health, and sanitary engineering may be used to fulfill **1.5 years of operator experience**.
- Masters Degree in biology, chemical engineering, chemistry, civil engineering, environmental, microbiology, public health, and sanitary engineering may be used to fulfill **2 years of operator experience**.

2) A certified operator may substitute, on a day-for-day basis, one additional year of operator experience working as a distribution operator with experience gained while working with lead responsibility for water quality or quantity related projects or research.